

## Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

National Emission Standard for Hazardous Air Pollutants (NESHAP)  
40 CFR Part 63, Subpart N

Table 2 to §63.342—Housekeeping Practices

| <b>For:</b>   | <b>You must:</b>   | <b>At this minimum frequency:</b>  |
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| <p>1. Any substance used in an affected chromium electroplating or chromium anodizing tank that contains hexavalent chromium.</p>   | <p>(a) Store the substance in a closed container in an enclosed storage area or building; AND</p> <p>(b) Use a closed container when transporting the substance from the enclosed storage area.</p>  | <p>At all times, except when transferring the substance to and from the container.</p> <p>Whenever transporting substance, except when transferring the substance to and from the container.</p> |
| <p>2. Each affected tank, to minimize spills of bath solution that result from dragout.</p> <p>Note: this measure does not require the return of contaminated bath solution to the tank. This requirement applies only as the parts are removed from the tank. Once away from the tank area, any spilled solution must be handled in accordance with Item 4 of these housekeeping measures.</p> | <p>(a) Install drip trays that collect and return to the tank any bath solution that drips or drains from parts as the parts are removed from the tank; OR</p> <p>(b) Contain and return to the tank any bath solution that drains or drips from parts as the parts are removed from the tank; OR</p> <p>(c) Collect and treat in an onsite wastewater treatment plant any bath solution that drains or drips from parts as the parts are removed from the tank.</p> | <p>Prior to operating the tank.</p> <p>Whenever removing parts from an affected tank.</p> <p>Whenever removing parts from an affected tank.</p>  |
| <p>3. Each spraying operation for removing excess chromic acid from parts removed from, and occurring over, an affected tank.</p>   | <p>Install a splash guard to minimize overspray during spraying operations and to ensure that any hexavalent chromium laden liquid captured by the splash guard is returned to the affected chromium electroplating or anodizing tank.</p>   | <p>Prior to any such spraying operation.</p>   |

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| <p>4. Each operation that involves the handling or use of any substance used in an affected chromium electroplating or chromium anodizing tank that contains hexavalent chromium.</p>                           | <p>Begin clean up, or otherwise contain, all spills of the substance.</p> <p>Note: substances that fall or flow into drip trays, pans, sumps, or other containment areas are not considered spills.</p>   | <p>Within 1 hour of the spill.</p>  |
| <p>5. Surfaces within the enclosed storage area, open floor area, walkways around affected tanks contaminated with hexavalent chromium from an affected chromium electroplating or chromium anodizing tank.</p> | <p>(a) Clean the surfaces using one or more of the following methods:<br/> (i) HEPA vacuuming;<br/> (ii) Hand-wiping with a damp cloth;<br/> (iii) Wet mopping;<br/> (iv) Hose down or rinse with potable water that is collected in a wastewater collection system;<br/> (v) Other cleaning method approved by the permitting authority;<br/> OR<br/> (b) Apply a non-toxic chemical dust suppressant to the surfaces.</p> | <p>At least once every 7 days if one or more chromium electroplating or chromium anodizing tanks were used, or at least after every 40 hours of operating time of one or more chromium electroplating or chromium anodizing tank, whichever is later.</p> <p>According to manufacturer's recommendations.</p> |
| <p>6. All buffing, grinding, or polishing operations that are located in the same room as chromium electroplating or chromium anodizing operations.</p>   | <p>Separate the operation from any affected electroplating or anodizing operation by installing a physical barrier; the barrier may take the form of plastic strip curtains.</p>  | <p>Prior to beginning the buffing, grinding, or polishing operation.</p>  |
| <p>7. All chromium or chromium-containing wastes generated from housekeeping activities.</p>  | <p>Store, dispose, recover, or recycle the wastes using practices that do not lead to fugitive dust and in accordance with hazardous waste requirements.</p>  | <p>At all times.</p>  |